BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK :Development and Construction of Auditorium and Toilet at Yelahanka PU Collage in Ward No-01 of Yelahanka sub Division

Agency	Sri.H.V Onkarappa #2,Taralabalu Enclave, Near Police Station,Yelahanka,Banglore-64

WORK SLIP -1

Approved Amount	31880749
Name of Contractor:-	Sri.H.V Onkarappa
Tender premium:-	+9% (Above)

SL No.	Description of Work	Unit	Qty as per Quoted Rate			Total Executed Quantity	Qty. upto 125%			Qty. above 125%			Total Amount	Excess amount	Savings	Re
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amt				
13	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification.	Sqm	950.53	91.82	87279.46	2875.31	1188.17	91.82	109099.33	1687.14	91.82	154916.26	264015.58	176736.12		
19	KSRB 15-18.1 :Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications. Ground Floor	Sqm	348.57	52.97	18465.15	585.20	435.71	52.97	23081.43	149.49	48.27	7215.14	30296.57	11831.43		
20	KSRB 15-18.1 :Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications. Second Floor	Sqm	42.00	57.68	2422.68	331.87	52.50	57.68	3028.35	279.37	48.27	13483.64	16511.99	14089.31		
22	KSRB 15-18.3: Providing and applying enamel metal paint one coat (excluding priming coat) on previously painted steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. First Floor	Sqm	348.57	76.52	26671.88	585.20	435.71	76.52	33339.85	149.49	71.81	10734.72	44074.57	17402.69		

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	Description of Work	Unit	Qty as per Quoted Rate			Total Executed Quantity	Qty. upto 125%			Qty. above 125%			Total Amount	Excess amount	Savings
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amt			
23	KSRB 15-18.3: Providing and applying enamel metal paint one coat (excluding priming coat) on previously painted steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. Second Floor	Sqm	42.00	81.23	3411.53	956.14	52.50	81.23	4264.41	903.64	71.81	64889.72	69154.13	65742.60	
29	KSRB 6-5.2 : Providing and constructing burnt brick masonry with approved quality of modular bricks of standard size of class designation 5.0 Newton per sqmm (table moulded) with cement mortar 1 :8 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2	Cum	6.62	8100.31	53656.47	12.02	8.28	8100.31	67070.59	3.74	8010.85	29976.59	97047.18	43390.70	
31	Providing and fixing 6mm cl ear I opal white I solar I bronze I blue I green tinted multi wall poly carbonate sheet for tubular structure. The work including cost of all materials, labour charges and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lifts, transportation, loading and unloading and all other incsdental charges etc. complete as per specification and directiones of the engineer in charge of the work.	Sqm	555.00	3679.93	2042359.60	624.28	624.28	3679.93	2297286.55	0.00	0.00	0.00	2297286.55	254926.96	
38	KSRB 5-14.1 :Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 5.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4 - do - with solid concrete blocks of size 400x200x200mm First Floor	Sqm	17.76	1111.76	19744.79	106.41	22.20	1111.76	24680.99	84.21	1073.61	90412.69	115093.68	95348.89	

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			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amt			
	(B15-14.1 Providing and applying two coats h oil bound washable distemper of approved nd and shade on wall surface including priming at with distemper primer after throughly brooming e surface free from mortar drops and other foreign atter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. KSRB 15-14.2: Extra over Item KSRB 15-14.1 for applying oil bound washable distemper on ceiling and l or sloping roof as per specifications.	Sqm	1250.97	138.91	173771.85	2098.95	1563.71	138.91	217214.82	535.23	138.91	74349.15	291563.97	117792.12	
47	Providing and fixing Vitrified glazed tiles of approved make, quality & colour of size 900 x 900 x 12mm thick fixed on bed of 12mm thick cement mortar for flooring, skirting and jointed with neat cement slurr mixed with pigment to mach shade of tiles, including providing spacers at required interval and removing stains, including cost of all materials, mortar, labour, etc., Complete as per specification. First floor	Sqm	73.33	1340.66	98310.33	100.43	91.66	1340.66	122887.92	8.76	1340.83	11749.03	134636.95	36326.61	
57	KSRRB 200-8. Clearing and grubbing road land including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of light jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials, labour charges complete as per specifications MORT&H Chapter-2	Sqm	600.00	11.55	6932.40	1441.06	750.00	11.55	8665.50	691.06	11.77	8135.19	16800.69	9868.29	
58	KSRRB 300-45. Scarifying stone metal crust 50mm to 100mm thick with pick axes along with premix carpet / surface dressing and stacking of old serviceable materials by manual means including cost of all labour charges complete as per specifications MORTH / Chapter 3	Sqm	1050.00	92.43	97053.60	1441.06	1312.59	92.43	121317.00	128.56	94.18	12107.55	133424.55	36370.95	

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			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amt			
	RB M300-59.2. Loosening, levelling and pacting original ground supporting embankment acilitate placement of first layer of embankment l ygrade, scarified to a depth of 150mm, mixed with ter at OMC and then compacted by rolling so as achieve minimum dry density as given in Table 00-2 for embankment I subgrade including HOM construction, labour etc .. complete as per specifications. MORTH Specification No. 305.3.4	Sqm	1350.00	26.57	35875.17	1441.06	1441.06	26.57	38295.10	0.00	0.00	0.00	38295.10	2419.93	
60	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications. MORTH Specification No.301	Cum	405.00	47.37	19185.42	432.32	432.32	47.37	20479.55	0.00	0.00	0.00	20479.55	1294.13	
61	KSRRB M300-19. Removal of unserviceable soil including excavation, loading and disposal but excluding replacement by suitable soil which shall be paid separately as per clause 300.5 complete as per specifications. MORTH Specification No. 301Item no. 60	Cum	405.00	38.13	15441.92	432.32	432.32	38.13	16483.54	0.00	0.00	0.00	16483.54	1041.62	
62	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing by mix in place method by rotavator at OMC, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications. Clause 401 of MORTH V Revision.	Cum	135.00	2021.95	272963.25	144.11	144.11	2021.95	291375.73	0.00	0.00	0.00	291375.73	18412.48	

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63	KSRRB M600-1. Construction of dry lean cement concrete mix CC 1:5:10 with OPC cement 160Kgs, with 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @ 0.58cum Sub- base over a prepared sub-grade with (coarse and fine aggregate conforming to IS: 383) aggregate cement ratio not to exceed 15:1. Aggregate gradation after blending to be as per Table 600-1, cement content not to be less than 160 kg/ cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. MORTH Specification No. 601 of MORTH V Revision and IS 456 Table-5 22.1.1 -do- with OPC at 150 kg/cum and coarse aggregate 0.86cum, fine aggregate 0.58cum using Concrete Batch mix Plant at 75 cum/hr capacity with Slip form paver with electronic sensor.	Cum	135.00	4142.11	559184.72	216.16	168.75	4142.11	698980.89	47.41	4142.11	196375.11	895356.00	336171.29	
64	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to 18:383-2016. with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, including	Cum	270.00	5679.95	1533585.53	288.21	288.21	5679.95	1637032.12	0.00	0.00	0.00	1637032.12	103446.59	
74	KSRRB M2200-6. Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No.1600 & 2200	Tonne	1.12	78836.41	88493.87	23.66	1.40	78836.41	110617.34	22.25	87359.79	1943979.62	2054566.95	1966073.09	

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	KB 15-3.5/15-7: Providing 15mm thick plain stering in single coat to internal masonry rfaces, in cement mortar 1:4 (1 cement : 4 fine nd) including providing & removing necessary caffolding, rounding of corners wherever required, smooth rendering with lime, curing etc.including cost of all materials, formwork, labour charges, HOM of Machineries, loading, unloading ,with all lead and lifts etc., compelte & as per specification and as directed by Engineer	Sqm	20.31	304.89	6191.77	22.32	22.32	304.89	6805.59	0.00	0.00	0.00	6805.59	613.81	
107	Providing and constructing granite I trap I basalt size stone masonry in foundation with cement mortar, stone harnmered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications.	cum	17.65	5410.41	95507.82	23.42	22.07	5410.41	119384.78	1.35	5410.41	7305.66	126703.44	31195.62	
111	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification KSRB 15-15.1 Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. with primer Internal Masonry wall surfaces. 1st floor	Sqm	592.97	148.33	87954.26	2468.00	741.22	148.33	109942.83	1726.78	91.52	158555.05	268498.77	180544.51	
114	Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications.cement mortar 1:6, 1st Floor TOILET FLOORING	Sqm	82.47	1426.77	117665.43	104.45	103.09	1426.77	147081.78	1.36	1426.77	1937.55	149019.33	31353.91	
115	KSRB15-5 :Providing rough cement-plastering15mm thick in single coat with cement mortar to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding. including cost of materials, labour, curing complete as per specifications. WALL CLADDING PLASTERING	Sqm	526.37	279.00	146855.34	614.43	614.43	279.00	171424.68	0.00	0.00	0.00	171424.68	24569.34	

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129	RB 7.8 Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung 2/3 openable 1/3 fixed as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 kg/m both for outer and inner frames and central mullion section of size 25x46x3mm, weighing 2.28kg/m all duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows, not more than 34 cms. c to c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S 7452:1990, 4nos. of boldfasts of approved size, section should be cut to length welded and grinded electrically subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corrosive paint and finishing two coats of ready mix paint of approved colour and make including cost of materials, fixtures,labour charges and HOM complete as per specifications.1st floor	Sqm	6.30	3924.78	24726.14	224.57	7.88	3924.78	30907.68	216.70	3931.85	852029.56	882933.24	858207.10	
181	KSRB15-5 :Providing rough cement-plastering15mm thick in single coat with cement mortar to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm	150.67	226.02	34053.89	416.19	188.33	226.02	42567.36	227.85	248.79	56696.47	99163.84	65109.95	
183	Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, (approved make) cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.	Nos	10.00	1566.85	15668.53	37.00	13.00	1566.85	20369.09	24.00	1566.85	37604.48	57973.57	42305.04	
	Grand total												10226017.88	4542585.08	0.00

Note: Percentage of Worksllp over the sanctioned Estimate=Excess amount over the approved amount/Amount Put to tender x 100

(4542585.08/31880749)= 14.25 %

Percentage of Worksllp 14.25%

Contractor

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(RRMP Yel. Zn.)
Yelahanka, Bangalore

Executive Engineer

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